

BALANCED AND DAMPED SUSPENSION FOR USE IN A DISK DRIVE

ABSTRACT OF THE INVENTION

A suspension for use in a disk drive is disclosed. The suspension has a hinge and load beam which are separately formed and subsequently joined together. The load beam is formed from a material which has improved damping characteristics. The load beam additionally has ribs constructed in order to balance the mass of the suspension about the torsional rotation axis. The location of the torsional rotation axis can be designed to intersect the head gimbal pivot point.